

Please add the following new claims:

1                   -- 29. (New) The method of claim 14, wherein the cell is a thymocyte or bone  
2 marrow cell. --

1                   -- 30. (New) The method of claim 14, wherein the animal is a mouse, rat, pig,  
2 sheep, frog, cow or bull. -- *new matter?* *new matter?*

1                   -- 31. (New) The method of claim 14, wherein the gene encoding p27<sup>Kip1</sup> is  
2 altered by insertion of a positively selectable marker, mutation of the gene encoding p27<sup>Kip1</sup>, or  
3 deletion of the gene encoding p27<sup>Kip1</sup>. --

1                   -- 32. (New) The method of claim 31, wherein the gene encoding p27<sup>Kip1</sup> is  
2 altered by insertion of a positively selectable marker into the gene. --

1                   -- 33. (New) The method of claim 32, wherein the positively selectable  
2 marker encodes neomycin resistance, thymidine kinase, adenine phosphoribosyl transferase,  
3 hypoxanthine-guanine phosphoribosyl transferase or dihydrofolate reductase. --

1                   -- 34. (New) The method of claim 33, wherein the positively selectable  
2 marker encodes neomycin resistance. --

1                   -- 35. (New) The method of claim 14, further comprising:  
2 introducing a plasmid into the cell, wherein the plasmid comprises the gene  
3 encoding p27<sup>Kip1</sup> altered by insertion of a positively selectable marker. --

1                   -- 36. (New) The method of claim 35, wherein the plasmid further comprises  
2 a negatively selectable marker adjacent the altered gene encoding p27<sup>Kip1</sup>, whereby the  
3 distance between the negatively selectable marker and the altered gene encoding p27<sup>Kip1</sup> is  
4 sufficient to allow homologous recombination between the altered gene encoding p27<sup>Kip1</sup> and a  
5 gene encoding p27<sup>Kip1</sup> in the cell. --

*for 10/10/01*  
*(or earlier)*